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Entry 1 of 2

File: USPT

Sep 9, 1997

US-PAT-NO: 5664593

DOCUMENT-IDENTIFIER: US 5664593 A

TITLE: Apparatus for applying suntanning lotion mist

DATE-ISSUED: September 9, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McClain; Edward T.	Bradley Beach	NJ	07720	N/A

US-CL-CURRENT: 132/333; 119/604, 119/671, 4/525, 4/597, 4/603, 600/21, 601/160

CLAIMS:

What is claimed is:

1. Apparatus for applying suntan lotion to a human body comprising a liquid tight enclosure, a base for said enclosure having a drain aperture therein, said enclosure having a side wall, a door in said side wall of said enclosure spring biased to the closed position, lotion mist ports disposed about the exterior of said enclosure and in flow communication with a lotion distribution tube, said distribution tube in flow communication with at least one atomizing nozzle, first pump means for pumping liquid lotion from a supply dispenser associated with said first pump means to said at least one atomizing nozzle and through said at least one atomizing nozzle forming mist droplets, and into said distribution tube, and thence to said mist port outlets into the interior of said chamber, recirculating pump means for evacuating misted droplets from said base of said enclosure and recirculating those droplets into said distribution tube by means of an impeller fan, and mixing with said mist droplets from said nozzle, any lotion condensing inside said impeller being stored in a used lotion recovery reservoir, a motor for driving said pump means and said impeller fan and whereby said motor driving said pump means and said impeller fan is operated by token operated control means on the outside of the said enclosure.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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☐ 2. Document ID: US 5460192 A

Entry 2 of 2

File: USPT

Oct 24, 1995

US-PAT-NO: 5460192
DOCUMENT-IDENTIFIER: US 5460192 A

TITLE: Apparatus for applying suntanning lotion
DATE-ISSUED: October 24, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McClain; Edward T.	Bradley Beach	NJ	07720	N/A

US-CL-CURRENT: 132/333; 119/665, 4/525, 4/597, 4/603, 600/21, 601/160, 604/289

CLAIMS:

What is claimed is:

1. Apparatus for applying suntan lotion to a human body comprising a liquid tight generally upright cylindrically shaped enclosure having side walls, a top end of said cylindrically shaped enclosure tapering inwardly to a neck enclosure for a user, a base for said cylindrically shaped enclosure having a drain aperture therein, a grate mounted in a recess of said base, a door in said side wall of said cylindrically shaped enclosure spring biased to a closed position, a plurality of discrete liquid spray nozzles vertically aligned disposed about an interior of said cylindrically shaped enclosure at different heights and in flow communication with lotion distribution pipes, said lotion distribution pipes in flow communication with a pump for pumping lotion from a supply reservoir associated with said pump, an electric motor driving said pump, and control means operating said pump motor a predetermined length of time when actuated by a token operated control means, said control means providing a delay period of time from when revenue is deposited to starting operation of said pump.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Image
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